

ABSTRACT

A plating apparatus for use in forming a plated film in trenches, via holes, or resist openings that are defined in a 5 surface of a semiconductor wafer, and forming bumps to be electrically connected to electrodes of a package, on a surface of a semiconductor wafer. The plating apparatus has a plating tank for holding a plating solution, a holder for holding a workpiece and bringing a surface to be plated of the workpiece 10 into contact with the plating solution in the plating tank, and a ring-shaped nozzle pipe disposed in the plating tank and having a plurality of plating solution injection nozzles for injecting the plating solution to the surface to be plated of the workpiece held by the holder to supply the plating solution 15 into the plating tank.